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Optical Fiber Sensors 2018–2019

Guest Editors:

Dr. Luís C. Coelho

INESC TEC—Institute for Systems and Computer Engineering, Technology and Science and Faculty of Sciences, University of Porto, 4169-007 Porto, Portugal

Dr. José Manuel M. M. de Almeida

1. CAP/INESC TEC—Technology and Science and FCUP—Faculty of Sciences, University of Porto, 4169-007 Porto, Portugal
2. Department of Physics, School of Sciences and Technology, University de Trás-os-Montes e Alto Douro, Vila Real, Portugal

Deadline for manuscript submissions:

closed (31 May 2019)

Message from the Guest Editors

Dear Colleagues,

Sensors based on optical fiber technology have been around for a long time, nonetheless, are constantly object of dynamic and fruitful fundamental and applied research, with a variety of new applications and developments. In this sense, we invite you to submit manuscripts for the upcoming Special Issue dedicated to all aspects relevant to optical fiber sensing. Full papers, communications, and reviews are welcome.

Topics include, but are not limited to, are the following:

- Physical sensors, chemical sensors and biosensors
- Colorimetry, evanescent wave and infrared spectroscopies
- Plasmonic based sensors
- Optical fiber interferometers
- Micro and nano fabrication
- Functionalization methods
- Special fibers
- Theoretical and simulation studies
- Multiplexing of several parameters
- Sensor networking and distributed sensing
- Sensor applications

Dr. Luís Coelho

Prof. José Manuel Almeida

Guest Editors





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Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

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Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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